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13281 U.S.PTO  
022704

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

**APPLICATION ELEMENTS**  
SEE MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages: 101]  
*(preferred arrangement set forth below)*
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (*if filed*)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [Total Sheets: 10]
5. Oath or Declaration [Total Sheets: 4]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63 (d))  
*(for continuation/divisional with Box 18 completed)*
    - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6.  Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation       Divisional       Continuation-in-part (CIP)      of prior application No.:

Prior application information: Examiner: \_\_\_\_\_ Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number		020457		OR <input type="checkbox"/> Correspondence address below	
Name	ANTONELLI, TERRY, STOUT & KRAUS, LLP				
Address					
City		State		Zip Code	
Country		Telephone	(703) 312-6600	Fax	(703) 312-6666
Name (Print/Type)	Hung H. Bui			Registration No. (Attorney/Agent)	40,415
Signature	<i>Hung H. Bui</i>			Date	FEBRUARY 27, 2004

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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# FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 896.00)

Complete if Known	
Application Number	
Filing Date	February 27, 2004
First Named Inventor	TANAKA, MASAHIRO
Examiner Name	
Art Unit	
Attorney Docket No.	501.43488X00

## METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money Order  Other  None

 Deposit Account:

Deposit Account Number	01-2135
Deposit Account Name	Antonelli, Terry, Stout & Kraus, LLP

The Director is authorized to: (check all that apply)

- Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application.  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee	Fee Code (\$)	Small Entity Fee	Fee Code (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	770
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)		770			

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Fee from Extra Claims	below	Fee Paid
8	-20** = 0	x	=
Indep. Claims	4	-3** = 1	x 86 = 86
Multiple Dependent			=
Large Entity Fee	Fee Code (\$)	Small Entity Fee	Fee Description
1202	18	2202	9
1201	86	2201	43
1203	290	2203	145
1204	86	2204	43
1205	18	2205	9
SUBTOTAL (2) \$ 86.00			

\*\*or number previously paid, if greater; For Reissues, see above.

## 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Fee Description	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051	Surcharge – late filing fee or oath	2051	65	
1052	Surcharge – late provisional filing fee or cover sheet	2052	25	
1053	Non-English specification	1053	130	
1812	For filing a request for ex parte reexamination	1812	2,520	
1804	Requesting publication of SIR prior to Examiner action	1804	920*	
1805	Requesting publication of SIR after Examiner action	1805	1,840*	
1251	Extension for reply within first month	2251	55	
1252	Extension for reply within second month	2252	210	
1253	Extension for reply within third month	2253	475	
1254	Extension for reply within fourth month	2254	740	
1255	Extension for reply within fifth month	2255	1,005	
1401	Notice of Appeal	2401	165	
1402	Filing a brief in support of an appeal	2402	165	
1403	Request for oral hearing	2403	145	
1451	Petition to institute a public use proceeding	1451	1,510	
1452	Petition to revive – unavoidable	2452	55	
1453	Petition to revive – unintentional	2453	665	
1501	Utility issue fee (or reissue)	2501	665	
1502	Design issue fee	2502	240	
1503	Plant issue fee	2503	320	
1406	Petitions to the Commissioner	1460	130	
1807	Processing fee under 37 CFR 1.17(q)	1807	50	
1806	Submission of Information Disclosure Stmt	1806	180	
8021	Recording each patent assignment per property (times number of properties)	8021	40	40.00
1809	Filing a submission after final rejection (37 CFR § 1.129(a))	2809	385	
1810	For each additional invention to be examined (37 CFR § 1.129(b))	2810	385	
1801	Request for Continued Examination (RCE)	2801	385	
1802	Request for expedited examination of a design application	1802	900	
Other fee (specify) _____				
*Reduced by Basic Filing Fee Paid			SUBTOTAL (3) (\$)	40.00

## SUBMITTED BY

## Complete (if applicable)

Name (Print/Type)	Hung H. Bui	Registration No. (Attorney/Agent)	40,415	Telephone	703-312-6600
Signature	<i>Hung H. Bui</i>			Date	Feb. 27, 2004

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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